



LOCAL NOTICE TO MARINERS

U.S. Department of Homeland Security

United States Coast Guard



WEEKLY EDITION

November 25, 2003

Issued by:

Commander, Seventh Coast Guard District
909 SE 1st Avenue, Miami, Florida 33131-3050
Telephone (305) 415-6730
Fax (305) 415-6757
Office hours 7:30 a.m. - 4:00 p.m., M-F

BROADCAST NOTICE TO MARINERS

Navigation information having been of immediate concern to the Mariner, and promulgated by the following broadcasts, has been incorporated in this notice when still effective:

- CCGD7 (D7) BNM 1067-03 to 1095-03
- GROUP CHARLESTON (CHA) BNM 347-03 to 353-03
- GROUP MAYPORT (MAY) BNM 663-03 to 679-03
- GROUP MIAMI (MIA) BNM 552-03 to 563-03
- GROUP KEY WEST (KEY) BNM 186-03 to 190-03
- GROUP ST. PETERSBURG (STP) BNM 1369-03 to 1403-03
- SAN JUAN GANTSEC (GAN) BNM 308-03 to 315-03

NOTES:

- (1) Unless otherwise indicated, missing and destroyed structures are presumed to be in the immediate vicinity, mariners should proceed with caution.
- (2) The Local Notice to Mariners consists of a Monthly Edition and Weekly Supplemental. The Monthly Edition should be maintained as a reference. Recurring information is published only once a month.
- (3) To change your mailing address, start or discontinue receiving this publication, please call (305) 415-6751 or Email to d7lnm@d7uscg.mil

REFERENCES:

Light List, Vol. III, Atlantic and Gulf Coasts, 2003 Edition (COMDTPUB P16502.3).
U.S. Coast Pilot 4, Atlantic Coast: Cape Henry to Key West, 2003 (35th Edition).
U.S. Coast Pilot 5, Atlantic Coast: Gulf of Mexico, Puerto Rico and Virgin Islands 2003 (30th Edition).

The Local Notice to Mariners is available online at:

<http://www.navcen.uscg.gov/lnm/d7>

The United States Coast Guard Navigation Information Service (NIS)

The United States Coast Guard Navigation Information Service (NIS), operated by the USCG Navigation Center, is staffed 24 hours a day, 7 days a week. The NIS provides information on the current operational status, effective policies, and general information for GPS, DGPS, and LORAN-C. The NIS also disseminates Safety Broadcasts (BNM), Local Notice to Mariners (LNM), and the latest Notice Advisory to Navstar Users (NANU). NANU notices can be obtained via email subscription through the USCG Navigation Center website: <http://www.navcen.uscg.gov/gps/status/default.htm>. In addition, the NIS investigates all reports of degradation or loss of GPS, DGPS or LORAN service. Mariners are encouraged to report all degradation or loss of radio navigation services to the NIS via any of the following: Phone: (703) 313-5900, Email: webmaster@smtp.navcen.uscg.mil, or on the World Wide Web at: <http://www.navcen.uscg.gov>

REPORT DISCREPANCIES IN AIDS TO NAVIGATION TO THE NEAREST COAST GUARD UNIT

ABBREVIATION DEFINITIONS

ACOE -	Army Corps of Engineers	ADRIFT -	Buoy Adrift
AICW -	Atlantic Intracoastal Waterway	B -	Buoy
BKW -	Breakwater	B -	Refer to Light List (Pg. xiv)
BNM -	Broadcast Notice to Mariner	CG -	Refer to Light List (Pg. xv)
CHA -	Charleston, SC	CHAN -	Channel
CGD07 -	Coast Guard District Seven	CR -	Refer to Light List (Pg. xv)
C/O -	Cut Off	CONT -	Contour
CONSTR -	Construction	CRK -	Creek
CONST -	Construction	DBN -	Daybeacon
DBD/DAYBD -	Dayboard	DBN/DEST -	Daybeacon Destroyed
DBN IMCH -	Daybeacon Improper Characteristic	DISCON -	Discontinued
DMGD -	Daybeacon Damaged	EST -	Established Aid
EVAL -	Evaluation	EXT -	Extinguished
FL -	Flashing	F/S -	Fog Signal
GAN -	San Juan, PR	GICW -	Gulf Intracoastal Waterway
HAZ -	Hazard to Navigation	HBR -	Harbor
HOR -	Horizontal Clearance	HT -	Height
IMPCHA -	Improper Characteristics	INL -	Inlet
INOP -	Not Operating	ISL -	Islet
KBG -	Refer to Light List (Pg. xv)	KBG-I -	Refer to Light List (Pg. xv)
KBR -	Refer to Light List (Pg. xv)	KBR-I -	Refer to Light List (Pg. xv)
KBW -	Refer to Light List (Pg. xv)	KEY -	Key West, FL
KGB -	Refer to Light List (Pg. xv)	KGB-I -	Refer to Light List (Pg. xv)
KGR -	Refer to Light List (Pg. xv)	KGR-I -	Refer to Light List (Pg. xv)
KGW -	Refer to Light List (Pg. xv)	KGW-I -	Refer to Light List (Pg. xvi)
KRB -	Refer to Light List (Pg. xvi)	KRB-I -	Refer to Light List (Pg. xvi)
KRG -	Refer to Light List (Pg. xvi)	KRG-I -	Refer to Light List (Pg. xvi)
KRW -	Refer to Light List (Pg. xvi)	KWB -	Refer to Light List (Pg. xvi)
KWB-I -	Refer to Light List (Pg. xvi)	KWG -	Refer to Light List (Pg. xvi)
KWG-I -	Refer to Light List (Pg. xvi)	KWR -	Refer to Light List (Pg. xvi)
KWR-I -	Refer to Light List (Pg. xvi)	LAT -	Latitude
LB -	Lighted Buoy	LBB -	Lighted Bell Buoy
LGB -	Lighted Gong Buoy	LONG -	Longitude
LNM -	Local Notice to Mariners	LT -	Light
LT CONT -	Light Continuous	LWB -	Lighted Whistle Buoy
MAY -	Mayport, FL	MIA -	Miami, FL
MISS -	Missing	MR -	Refer to Light List (Pg. xvi)
MR-I -	Refer to Light List (Pg. xvi)	N/A -	Not Available
NB -	Refer to Light List (Pg. xvi)	N/C -	Not Charted
ND -	Refer to Light List (Pg. xvi)	NG -	Refer to Light List (Pg. xvi)
NIMA -	National Imagery and Mapping Agency	NL -	Refer to Light List (Pg. xvi)
NO -	Number	NOS -	National Ocean Service
NR -	Refer to Light List (Pg. xvi)	NW -	Refer to Light List (Pg. xvi)
NW -	Notice Writer	NY -	Refer to Light List (Pg. xvi)
OBSCU -	Obscured	OBST -	Obstruction
OBSTR -	Obstruction	PRIV -	Private Aid
RBN -	Radio Beacon	REBUILT -	Aid Rebuilt
RECOVERED -	Aid Recovered	RED -	Red Buoy
REDINT -	Reduced Intensity	RRL -	Range Rear Light
RELIGHTED -	Aid Relighted	RELOC -	Relocated
RESET ON STATION -	Aid Reset on Station	RFL -	Range Front Light
RIV -	River	SEC -	Section
SG -	Green Square on pile	SG-SY -	Green Square with Yellow Square on pile
SHL -	Shoaling	SND -	Sound
STP -	St. Petersburg, FL	TEMP -	Temporary Aid Change
STM -	Statue Mile	TR -	Red Triangle on pile
TRLB -	Temporarily Replaced by Lighted Buoy	TRLT -	Temporarily Replaced by Light
TR-TY -	Red Triangle with Yellow Triangle on pile	TRUB -	Temporarily Replaced by Unlighted Buoy

SAFE BOATING AND SEAMANSHIP PROGRAMS

For addition information on CG Auxiliary Public Education Boating Programs, contact 1-800-336-2628 or <http://www.cgaux7.org/>

HOST	DATES	TIME	LOCATION
U. S. Coast Guard Auxiliary Flotilla 42 (321) 773-7599	Continuous Boating Skills and Seamanship	7:30 p.m.– 9:30 p.m. (Tuesdays & Thursdays) 6 Weeks, 12 Lessons	Palm Bay Community Ctr 1502 Port Malabar Blvd Palm Bay, FL
U. S. Coast Guard Auxiliary Flotilla 78 (727) 360-7496	Continuous Boating Skills and Seamanship	7:30 p.m.– 9:30 p.m. (Mondays) 13 Weeks	W Webster Community Ctr 1500 Passe Grille Blvd St Petersburg, FL
U. S. Coast Guard Auxiliary Flotilla 79 (813) 855-6997	Continuous Boating Skills and Seamanship	7:30 p.m.– 9:30 p.m. (Wednesdays) 13 Weeks	5108 Gandy Blvd Salty Sol Boat Ramp Tampa, FL
U. S. Coast Guard Auxiliary Flotilla 7-16 (727) 323-5950	Continuous Boating Skills and Seamanship	7:30 p.m.– 9:30 p.m. (Tuesdays) 13 Weeks	USCG Auxiliary Bldg 3120 Miriam St South Gulfport, FL
U.S. Coast Guard Auxiliary Flotilla 51 (561) 844-3114	Continuous Boating Skills and Seamanship	7:30 p.m.– 9:30 p.m. (Tuesdays & Thursdays) 6 Weeks, 12 Lessons	CG Aux Bldg, P Foster Park 900 E. Blue Heron Blvd Riviera Beach, FL
U. S. Coast Guard Auxiliary Flotilla 96 (239) 594-8009	Dec 6, 2003 Navigating with GPS	9:00 a.m. – 11:00 a.m. (Saturday)	Public Education Facility Cocohatchee River Park Naples, FL
U. S. Coast Guard Auxiliary Flotilla 96 (239) 594-8009	Dec 13, 2003 Local Knowledge	9:00 a.m. – 11:00 a.m. (Saturday)	Public Education Facility Cocohatchee River Park Naples, FL

Programs are free; there is a nominal fee for text workbooks, etc.

I. SPECIAL NOTICES

MACON, GA DGPS OFF AIR TIMES

Macon, GA DGPS Broadcast Site will be off air on December 6, 2003 from 0900Z-1100Z. Alternate dates and times will be December 7, 2003 from 1400Z-1600Z. Users are to address inquiries to the DGPS Eastern Operations Control Officer (CWO2 Thomas Coyne) at 703-313-5811.

SAVANNAH, GA DGPS OFF AIR TIMES

SAVANNAH, GA GPS Broadcast Site will be off air on December 9, 2003 from 0900Z-1100Z. Alternate dates and times will be December 10, 2003 from 0900Z-1100Z. Users are to address inquiries to the DGPS Eastern Operations Control Officer (CWO2 Thomas Coyne) at 703-313-5811.

II. DISCREPANCIES-DISCREPANCIES CORRECTED

This section lists all discrepancies to Aids to Navigation reported and corrected since the last published list. A discrepancy is a change in the status of an aid to navigation that differs from what is published and or charted. **Unless otherwise indicated, missing and destroyed structures are presumed to be in the immediate vicinity. Mariners should proceed with caution.**

FEDERAL AID DISCREPANCIES:

LLNR	AID NAME	DISCREPANCY	CHART	BNM	LNM
195	Charleston Light	LT EXT	11523	350-03 CHA	47/03
1905	Winyah Bay Channel Lighted Buoy 8	LT EXT	11532	351-03 CHA	47/03
5990	Hampton River Daybeacon 17	TRUB	11508	674-03 MAY	47/03
7025	Kings Bay Light 56	TRLB	11503	664-03 MAY	47/03
9175	Manuel Landing Light 101	LT EXT	11498	676-03 MAY	47/03
15850	Cormorant Pass Daybeacon 42	DBN DEST	11432	190-03 KEY	47/03
34175	Winyah Bay-Charleston Harbor Light 18	TRUB	11532	349-03 CHA	47/03
36635	Sapelo Sound Light 140	TRLB	11510	671-03 MAY	47/03
44510	Indian River (South Section) Daybeacon 155	DBN IMCH	11472	562-03 MIA	47/03
60610	Cats Point Channel Daybeacon 7	TRUB	11412	1365-03 STP	47/03

FEDERAL AID DISCREPANCIES CORRECTED:

LLNR	AID NAME	DISCREPANCY	CHART	BNM	LNM
1015	American Shoal Light	WATCHING PROPERLY	11445	188-03 KEY	47/03
7000	Kings Bay Light 48	WATCHING PROPERLY	11503	668-03 MAY	47/03
7010	Kings Bay Light 52	WATCHING PROPERLY	11503	667-03 MAY	47/03
7315	White Shells Cut Lighted Buoy 27	RESET ON STATION	11491	640-03 MAY	46/03
7465	Dames Point Cutoff Lighted Buoy 50	RESET ON STATION	11491	639-03 MAY	46/03
10480	Miami Main Channel Lighted Buoy 3	WATCHING PROPERLY	11468	558-03 MIA	47/03
10490	Miami Main Channel Lighted Buoy 5	WATCHING PROPERLY	11468	559-03 MIA	47/03
10655	Fishermans Channel Light 5	REBUILT/RECOVERED	11468	518-03 MIA	43/03
18100	Matanzas Pass Channel Buoy 4A	WATCHING PROPERLY	11427	1367-03 STP	46/03
22320	Egmont Channel Lighted Bell Buoy 16	WATCHING PROPERLY	11412	1364-03 STP	46/03
23195	Hillsborough Cut C Channel Lighted Buoy 11	WATCHING PROPERLY	11416	1376-03 STP	47/03
24735.2	Port Pinellas Channel Light 10	WATCHING PROPERLY	11415	1398-03 STP	47/03
25880	Dunedin Pass Daybeacon 10	REBUILT/RECOVERED	11411	1271-03 STP	43/03
26155	Anclote River Entrance Daybeacon 4	REBUILT/RECOVERED	11411	1304-03 STP	44/03
31862	Bahia de Jobos Buoy 3	WATCHING PROPERLY	25687	305-03 GAN	46/03
40520	Inlet Harbor Buoy 4	WATCHING PROPERLY	11485	183-03 MAY	15/03

PRIVATE AID DISCREPANCIES:

LLNR	AID NAME	DISCREPANCY	CHART	BNM	LNM
40070	*Halifax Harbor Daybeacon 4	DBN DEST	11485	669-03 MAY	47/03
41445	*Orlando Utilities Comission Channel Buoy 2	MISSING	11485	N/A	47/03
41450	*Orlando Utilities Comission Channel Buoy 4	BUOYDMGD	11485	N/A	47/03
41455	*Orlando Utilities Comission Channel Buoy 5	OFF STA	11485	N/A	47/03
59540	*Mt Vernon & Coral Shores Daybeacon 2N	DBN DEST	11425	1382-03 STP	47/03

PRIVATE AID DISCREPANCIES CORRECTED:

LLNR	AID NAME	DISCREPANCY	CHART	BNM	LNM
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NONE.

II. TEMPORARY CHANGES-AIDS ESTABLISHED:

LLNR	AID NAME	DISCREPANCY	CHART	BNM	LNM
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NONE.

TEMPORARY CHANGES CORRECTED:

LLNR	AID NAME	DISCREPANCY	CHART	BNM	LNM
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NONE.

IV. CHART CORRECTIONS

(Explanation of Format)

Corrective action affecting charts is contained in this section. Chart corrections are listed numerically by chart number, beginning with the lowest and progressing through all charts affected. The correction listed pertains to that chart only. It is up to the mariner to decide which charts are to be corrected. The following example explains the individual elements of a typical correction.

Chart number	Chart edition	Edition date	Last Local Notice to Mariners	Reference datum	Source of correction	Current Notice to Mariners
11534	26th ed.	12/14/91	LAST LNM 41/92	NAD 83	(CDG07)	45/00
	Myrtle Grove Sound to Fear River to Casino Creek Add		*Boguse Channel Light 1, FI G 2.5s, 16 ft, 7M		32-48-00.000N	079-15-00.000W
	Corrective action	(Temp)	indicates Temporary Correction			Position action
			Object of corrective			

The letter (M) immediately following the chart number indicates that the correction should be applied to the metric side of the chart only. (TEMP)

indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true. Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (m). (*) Asterisk is used to identify Private Aids.

11425 35th Ed. Nov 2003 NEW EDITION 11XHA11425 NAD 83 (NOS Silver Spring, MD) 47 /03
FL-IWW-CHARLOTTE HARBOR TO TAMPA BAY 1 : 40,000
(New edition due to various general changes.)

This NOAA chart is now available in both the Print-on Demand and digital raster formats. See <http://chartmaker.ncd.noaa.gov/mcd/dole.htm> for details. The corresponding traditional paper chart will be available in two to four weeks.

11427 33rd ed. 10/01/2002 LAST LNM: 41/03 NAD 83 CGD07 47/03
FL-ICW-FORT MYERS TO CHARLOTTE HARBOR & WIGGINS PASS

RELOCATE Matanzas Pass Channel Buoy 4A (Red) from to 26-27-56.589N 081-58-06.266W
26-27-56.257N 081-58-07.858W

11466 36th ed. 12/01/2002 LAST LNM: 46/03 NAD 83 CGD07 46/03
FL-JUPITER INLET TO FOWEY ROCKS

RELOCATE Lake Worth Inlet Lighted Buoy 7 (Fl G 2.5s, 3M) from to 26-46-18.471N 080-02-18.354W
26-46-18.349N 080-02-17.846W

11472 31st ed. 12/01/2002 LAST LNM: 46/03 NAD 83 CGD07 47/03
FL-ICW-PALM SHORES TO WEST PALM BEACH

(INSET 2, SIDE A)

RELOCATE Lake Worth Inlet Lighted Buoy 7 (Fl G 2.5s, 3M) from to 26-46-18.471N 080-02-18.354W
26-46-18.349N 080-02-17.846W

(Supersedes LNM 46/03)

11487 19th ed. 11/24/2001 LAST LNM: 46/03 NAD 83 CGD07 47/03
FL-ST JOHNS RIVER-RACY PT TO CRESCENT LAKE

RELOCATE Devils Elbow Light 8, Fl R 4s (TR on pile) from to 29-38-27.060N 081-35-53.100W
29-38-27.071N 081-35-52.889W

RELOCATE Murphy Island Daybeacon 18 (TR on pile) from to 29-35-42.472N 081-38-28.402W
29-35-42.000N 081-38-28.600W

11489 34th ed. 12/07/2002 LAST LNM: 46/03 NAD 83 CGD07 47/03
GA-FL-ST. SIMONS ISLAND SOUND - TOLOMATO RIVER

RELOCATE Cedar Hammock Outbound Range Front Light, Q W (KRW on dolphin) from to 31-06-37.588N 081-25-23.176W
31-06-37.619N 081-25-23.124W

1492 19th ed. 11/24/2001 LAST LNM: 44/03 NAD 83 CGD07 47/03
FL-ST JOHNS RIVER-JACKSONVILLE TO RACY PT

RELOCATE Devils Elbow Light 8, Fl R 4s (TR on pile) from to 29-38-27.060N 081-35-53.100W
29-38-27.071N 081-35-52.889W

RELOCATE Murphy Island Daybeacon 18 (TR on pile) from to 29-35-42.472N 081-38-28.402W
29-35-42.000N 081-38-28.600W

11495 16th ed. 02/16/2002 LAST LNM: 46/03 NAD 83 CGD07 47/03
FL-ST JOHNS RIVER-DUNNS CREEK TO LAKE DEXTER

RELOCATE Murphy Island Daybeacon 18 (TR on pile) from to 29-35-42.472N 081-38-28.402W
29-35-42.000N 081-38-28.600W

CHANGE Stephens Point Obstruction Daybeacon to
Stephens Point Shoal Daybeacon (NW on pile.) and

RELOCATE from to 29-29-23.138N 081-41-03.801W
29-29-22.057N 081-41-03.719W

(Supersedes LNM 46/03)

11502	28th Ed.	Jun 2 2001	LAST LNM: 42/03	NAD 83	(NOS NW-6997)	42/03
	GA-FL-DOBOY SOUND TO FERNANDINA					
	RELOCATE	Cedar Hammock Outbound Range Front Light, Q W (KRW on dolphin)				
			from		31-06-37.588N	081-25-23.176W
			to		31-06-37.619N	081-25-23.124W
11506	40th ed.	01/01/2003	LAST LNM: 45/03	NAD 83	CGD07	47/03
	GA-ST SIMONS SOUND-BRUNSWICK HARBOR AND TURTLE RIVER					
	RELOCATE	Cedar Hammock Outbound Range Front Light, Q W (KRW on dolphin)				
			from		31-06-37.588N	081-25-23.176W
			to		31-06-37.619N	081-25-23.124W
25683	18th Ed	May 2003	LAST LNM: 35/03	NAD 83	(NOS NW - 7165)	47/03
	PR-BAHIA DE PONCE AND APPROACHES					
	Delete	black buoy		at	17-56-40.300N	066-37-43.200W
	Relocate	Bahia de Ponce Lighted Buoy 4 with characteristics, R "4" Fl R 2.5s				
			to		17-56-40.300N	066-37-43.200W

ADVANCE NOTICES

SOUTH CAROLINA – CHARLESTON HARBOR AND APPROACHES: Changes in Aids to Navigation.

KIAWAH ISLAND LIGHTED WHISTLE BUOY 4KI (LLNR 245) will be discontinued.

This work will be completed during the week of December 01, 2003

Ref: LNM 43, 44, 45 and 46/03

Chart: 11521

SOUTH CAROLINA – ST HELEN SOUND AND SAVANNAH RIVER: Changes in Aids to Navigation.

HUNTING ISLAND LIGHTED WHISTLE BUOY 6HI (LLNR 285) will be discontinued.

This work will be completed during the week of December 01, 2003

Ref: LNM 43, 44, 45 and 46/03

Chart: 11513

FLORIDA – ST JOHNS RIVER: Changes in Aids to Navigation.

The following aids to navigation will have the installed optic changed to reduce the outage time caused by Osprey nesting. The aids will continue to display published characteristic and the nominal range will be reduced to 3 nautical miles.

TURKEY ISLAND LIGHT 43 (LLNR 8395).

FORT GATES LIGHT 65 (LLNR 8520)

MOUNT ROYAL LIGHT 63 (LLNR 8510)

UPPER PALATKA LIGHT 1 (LLNR 8195)

The work is schedule to be completed the week of 05 January 2004.

For more information contact Officer in Charge Aids to Navigation Team Jacksonville Beach at (904) 241-8422

Ref: LNM 45 and 46/03

Chart: 11495

FLORIDA – CHARLOTTE HARBOR TO TAMPA BAY – PINE ISLAND SOUND: Changes in Aids to Navigation

PINE ISLAND SOUND DAYBEACON 11A (LLNR 55297). will be established in approximate position 26-29-03.000N 082-04-22.000W displaying SG-SY on a pile.

This project will be completed the week of 01 December 2003.

Ref: LNM 46/03

Chart: 11427

V. PROPOSED CHANGES

FLORIDA – ST JOHNS RIVER: Changes in Aids to Navigation

The following changes have been proposed at Forrester Point.

FORRESTER POINT LOWER RANGER FRONT LIGHT (LLNR 7985) will be change to Forrester Point Light 42 displaying Flashing Red 4's with a nominal range of 3 nautical miles and TR's on a pile.

FORRESTER POINT LOWER RANGER REAR LIGHT (LLNR 7990) will be discontinued.

All comment should be addressed to Commander (OAN), Seventh Coast Guard District 909 S.E. 1st Ave (STE 406) Brickell Plaza Federal Bldg Miami, FL 33131 to be received by 05 January 2004.

Ref: LNM 45 and 46/03

Chart: 11492

A. BRIDGE INFORMATION.

FLORIDA – CAPE CANAVERAL – CANAVERAL BARGE CANAL – CHRISTA MCAULIFFE BRIDGE: Final Rule.

The Coast Guard is changing the operating regulations of the Christa McAuliffe Bridge, SR 3, across the Canaveral Barge Canal at Cape Canaveral, Florida. Under this final rule, the bridge need open only twice an hour from 6:00 a.m. to 10:00 a.m. for vessel traffic, except during the morning and evening rush hours when the bridge may remain closed to facilitate vehicular traffic. The rule will also require the bridge to open with 3 hours notice from 10:01 p.m. to 5:59 a.m. This change will improve the flow of vehicular traffic without significantly impacting the needs of navigation. The rule is effective December 19, 2003.

Chart: 11478

CG File: LOOK UP

B. MISCELLANEOUS INFORMATION

GEORGIA – ST SIMONS SOUND TO TOLOMATO RIVER – KINGS BAY. Dredging Operations.

On December 15, 2003 Great Lakes Dredge and Drydock Company will commence dredging operations in Kings Bay, GA. This project will consist of dredging approximately 800,000 cubic yards of sand from the Entrance Channel at Kings Bay, GA. There are three designated disposal areas, a near shore disposal area, an off-shore open ocean disposal area, and a beach disposal area beginning 5,800 feet south of the south jetty and progressing southerly to Fernandina Harbor, FL. The total beach to be placed is for a maximum of 2.5 miles. Dredging will be seven (7) days per week and twenty-four (24) hours per day. The dredge area is approximately 20, 000 feet long.

Offshore Disposal Site: Latitude (N)	Longitude (W)
A. 30-32-46.03N	081-18-49.96W
B. 30-32-46.03N	081-17-08.66W
C. 30-31-15.71N	081-17-08.65W
D. 30-31-15.71N	081-18-49.95W
Nearshore Disposal Site: Latitude (N)	Longitude (W)
A. 30-38-07.52N	081-26-11.16W
B. 30-38-06.43N	081-23-03.43W
C. 30-36-02.71N	081-23-04.42W
D. 30-36-03.91N	081-26-32.90W

The hopper dredges PADRE ISLAND, LIBERTY ISLAND and survey vessel RIO GRANDE will be on-scene daily and monitoring VHF Channels 13 and 16. For further information please contact: Mr. Bill Murchison @ (9-4)- 414-5180. This project will be completed on or about May 15, 2004. All mariners are advised to proceed with caution in and around the dredge area.

Chart: 11489

FLORIDA – ST SIMONS SOUND TO TOLOMATO RIVER – FERNADINA BEACH. Dredging Operations.

On December 15, 2003 Great Lakes Dredge and Drydock Company will commence dredging operations in Fernandina Harbor, FL., and Nassau County, Florida. This project will consist of dredging approximately 800,000 cubic yards of sand from the Entrance Channel at Fernandina Harbor, FL. There are three designated disposal areas, a near shore disposal area, an off-shore open ocean disposal area, and a beach disposal area beginning 5,800 feet south of the south jetty At King Bay, GA and progressing southerly to Fernandina Harbor. The total beach to be placed is for a maximum of 2.5 miles. Dredging will be seven (7) days per week and twenty-four (24) hours per day. The dredge area is approximately 20, 000 feet long.

Offshore Disposal Site: Latitude (N)	Longitude (W)
A. 30-32-46.03N	081-18-49.96W
B. 30-32-46.03N	081-17-08.66W
C. 30-31-15.71N	081-17-08.65W
D. 30-31-15.71N	081-18-49.95W

Nearshore Disposal Site: Latitude (N)	Longitude (W)
A. 30-38-07.52N	081-26-11.16W
B. 30-38-06.43N	081-23-03.43W
C. 30-36-02.71N	081-23-04.42W
D. 30-36-03.91N	081-26-32.90W

The hopper dredges PADRE ISLAND, LIBERTY ISLAND and survey vessel RIO GRANDE will be on-scene daily and monitoring VHF Channels 13 and 16. For further information please contact: Mr. Bill Murchison @ (9-4)- 414-5180. This project will be completed on or about May 15, 2004. All mariners are advised to proceed with caution in and around the dredge area.

Chart: 11489

FLORIDA- INTRACOASTAL WATERWAY - INDIAN RIVER (SOUTH SECTION) – ST LUCIE POWER PLANT CHANNEL – HUTCHINSON ISLAND, FL: Off-Shore Construction Operations.

The Coast Guard has been advised that dredging, diving, and construction operations will commenced on or about December 3, 2003, 1500 feet off-shore of the St Lucie Nuclear Power Station, Hutchinson Island, Florida. The operation will continue until January 2004, operations will be daylight hours only. The motor vessel (jack-up barge) SUPERIOR STRATEGY and sea tow vessel FORT PIERCE will be on-scene twenty-four hours per day/seven days per week. The on-scene vessels will monitor VHF CH 16. POC will be Dean Reynolds @ (772) 370-1364. All mariners are urged to use extreme caution while transiting area.

Chart: 11472

FLORIDA– LOSTMANS RIVER TO WIGGINS PASS – DOCTORS PASS: Shoaling.

Shoaling has been reported across the mouth of Doctors Pass, at the south end of the North Jetty. Mariners are advised to use caution while transiting this area.

Chart: 11430

FLORIDA – HILLSBOROUGH BAY – PORT OF TAMPA: Dredging Operations.

Maintenance dredging has commenced in Hillsborough Bay, Hillsborough Cut C, at the Port of Tampa. The dredging operations will continue until approximately March 30, 2004. Ship berthing areas 1, 2, and 201 thru 254 will be dredged under this contract. Hours of operation will be during daylight hours only, no interference with marine traffic is anticipated, no work will done in the main ship channel. Mariners are advised to use slow wake while transiting this area.

Chart: 11416

VI. LIGHT LIST CORRECTIONS

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks
7115	ST. JOHNS BAR CUT RANGE FRONT LIGHT	30 24 14 N 81 25 40 W	Fl W 2.5s (Day) Fl W 2.5s (Night)	22 19	On tower on piles.	Visible 0.5° each side of rangeline (Day). Visible 1.5° each side of rangeline (Night). *	(47/03)

***DELETE HEADER:**

***Cannons Marinal**

24530- Daybeacon 2	27 43 48 N 82 29 12 W				TR on pile.	Private Aid.	(47/03)
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***ADD HEADER:**

***Mariners Club Bahia Beach**

24530- Daybeacon 2	27 43 48 N 82 29 12 W				TR on pile.	Private Aid.	(47/03)
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IX. ADDITIONAL ENCLOSURES

Enclosure: (1) Report of Channel Conditions: Intracoastal Waterway, Georgetown to Charleston, SC.
 : (2) Report of Channel Conditions: Brunswick Harbor, GA
 : (3) Report of Channel Conditions: Savannah Harbor, GA
 : (4) Report of Channel Conditions: San Juan Harbor, PR
 : (5) Report of Channel Conditions: Jacksonville Harbor, FL
 : (6) Notice to Navigation Interest: Kissimmee River Navigation Channel

H. E. Johnson, Jr.
 Rear Admiral, U. S. Coast Guard
 Commander, Seventh Coast Guard District

REPORT OF CHANNEL CONDITIONS 100 TO 400 FEET WIDE <i>(ER 1130-2-316)</i>						PAGE 1 OF 2 PAGE	
						DATE October 2003	
TO:				FROM: US ARMY CORPS OF ENGINEERS - CHARLESTON 69A HAGOOD AVE. CHARLESTON, SOUTH CAROLINA 29403-5107			
RIVER/HARBOR NAME AND STATE AIWW (Georgetown to Charleston) (8932)					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER <i>(feet)</i>	MIDDLE HALF <i>(feet)</i>	RIGHT OUTSIDE QUARTER <i>(feet)</i>
		WIDTH <i>(feet)</i>	LENGTH <i>(miles)</i>	DEPTH <i>(feet)</i>			
Winyah Bay to Minim Creek 1439+46N to 1260+00N	2003 June	90	4.0	12	9.2		9.4
Minim Creek to South Santee River 1260+00N to 1020+00N	2003 June	90	4.5	12	8.0		4.9
South Santee River to Casino Creek 1020+00N to 730+00N	2003 June Aug.	90	5.5	12	10.4		9.5
Casino Creek to Jeremy Creek (McClellanville) 730+00N to 498+00N	2003 Aug. April	90	4.4	12	7.6		7.6
Jeremy Creek (McClellanville to Buck Hall Landing 498+00N to 145+00N	2003 April July	90	6.7	12	5.3		6.0
Buck Hall Landing to Graham Creek 145+00N to 0+00	2003 July	90	2.7	12	6.7		6.7
REMARKS 1. ALL DEPTHS REFER TO LOCAL MEAN LOW WATER. 2. THE INFORMATION SHOWN REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND REFLECTS THE GENERAL CONDITIONS AT THAT TIME. 3. THE RIGHT AND LEFT SIDES OF THE CHANNEL REFER TO TRAVEL from North to South along the AIWW. 4. THE NATURAL CHANNEL WIDTH GENERALLY EXCEEDS THE PROJECT WIDTH SHOWN. 5. POINT OF CONTACT: DOUG HOLMES PHONE: 843-329-8135							

REPORT OF CHANNEL CONDITIONS						PAGE 2 OF 2 PAGE	
100 TO 400 FEET WIDE (ER 1130-2-316)						DATE October 2003	
TO:			FROM: US ARMY CORPS OF ENGINEERS - CHARLESTON 69A HAGOOD AVE. CHARLESTON, SOUTH CAROLINA 29403-5107				
RIVER/HARBOR NAME AND STATE AIWW (Georgetown to Charleston) (8932)					MINIMUM DEPTHS IN CHANNEL ENTERING FROM SEAWARD		
NAME OF CHANNEL	DATE OF SURVEY	AUTHORIZED PROJECT			LEFT OUTSIDE QUARTER (feet)	MIDDLE HALF (feet)	RIGHT OUTSIDE QUARTER (feet)
		WIDTH (feet)	LENGTH (miles)	DEPTH (feet)			
Graham Creek to Venning Creek 0+00 to 250+00S	2003 July	90	4.7	12	9.0		7.4
Venning Creek to Price Inlet 250+00S to 469+14S	2003 July	90	4.2	12	8.8		3.2
Price Inlet to Capers Inlet 469+14S to 610+00S	2003 July	90	2.7	12	7.0		7.7
Capers Inlet to Dewees Inlet 610+00S to 810+00S	2003 July	90	3.8	12	7.0		8.2
Dewees Inlet to Breach Inlet 810+00S to 1100+00S	2003 April June Sept.	90	5.5	12	6.7		8.8
Breach Inlet to Charleston Harbor 1100+00S to 1298+91S	2003 April June	90	3.8	12	8.8		8.4

REMARKS
1. ALL DEPTHS REFER TO LOCAL MEAN LOW WATER.
2. THE INFORMATION SHOWN REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED AND REFLECTS THE GENERAL CONDITIONS AT THAT TIME.
3. THE RIGHT AND LEFT SIDES OF THE CHANNEL REFER TO TRAVEL from North to South along the AIWW.
4. THE NATURAL CHANNEL WIDTH GENERALLY EXCEEDS THE PROJECT WIDTH SHOWN.
5. POINT OF CONTACT: DOUG HOLMES PHONE: 843-329-8135

REPORT OF CHANNEL CONDITIONS 400' WIDE AND GREATER						Page 1 of 2 Pages DATE: 31-Oct-03		
TO: Navigation Interest					FROM: U.S. Army Engineer District, Savannah ATTN: SASOP-N P. O. Box 889 Savannah, GA 31402			
HARBOR/STATE BRUNSWICK HARBOR, GEORGIA Brunswick Harbor Ship Channel from the Sea to the Upper Limits of the Harbor at Mile 12.76 In the Turtle River and East River, Academy Creek and Terry Creek.					SHALLOWEST SINGLE SOUNDINGS WITHIN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	DATE SURVEY	WIDTH (ft)	LENGTH (mi)	DEPTH (ft)	(A)	MID-CHANNEL		(A)
					LEFT OUTSIDE QUARTER (ft)	LEFT INSIDE QUARTER (ft)	RIGHT INSIDE QUARTER (ft)	RIGHT OUTSIDE QUARTER (ft)
Entrance thru Turtle River	23-29 Oct-03							
St. Simon Range	"	500	7.70	32	32.0	34.0	34.0	31.0
Plantation Creek Range	"	400	1.83	32	38.0	40.0	41.0	39.0
Jekyll Island Range	"	400	1.93	30	30.0	34.0	32.0	31.0
Cedar Hammock Range	"	400	1.40	30	30.0	31.0	30.0	27.5
Brunswick Point Cut Range	"	400	2.44	30	27.5	29.5	29.0	29.0
Turtle River Lower Range	"	300	1.76	30	34.0	33.0	30.5	30.0
Blythe Island Range	"	300	1.51	30	31.0	30.0	26.0	26.0
Turtle River Upper Range	"	300	2.71	30	28.0	30.0	28.0	26.0
East River								
Entrance to Second Avenue	"	400	1.18	30	31.0	31.0	32.0	25.0
Second Ave to Mayor's Point	"	350	1.00	27	26.5	28.0	27.0	28.0
South Brunswick River	"	400	1.33	30	30.5	31.0	31.0	32.0
NAME OF CHANNEL	DATE SURVEY	WIDTH (ft)	LENGTH (mi)	DEPTH (ft)	MINIMUM DEPTH			
					FRONT SIDE (ft)		100' FROM BACKSIDE (ft)	
East River Turning Basin	"	750	1000	30	28.0	#10	27.0	#09
South Brunswick River GPA Dock		125	1200	30	ALONG FACE OF DOCK			***
REMARKS (Continue on reverse)								
<p>All depths refer to mean low water.</p> <p>This information represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time. The depths shown have been rounded off to the nearest half-foot. Any questions concerning conditions shown on this report should be referred to the Operations Division:</p> <p>Telephone (912) 852-5058.</p> <p>(A) depths given below represent condition 50 ft. inside toe of channel.</p> <p>* Area Being Dredged</p> <p>** Area To Be Dredged</p> <p>*** Area Not Surveyed</p> <p>**** Area not surveyed due to weather</p>								

ENG FORM 4020-R, NOV 90

BEND WIDENER	STATION	DATE SURVEY 23-29 Oct-03	CHANNEL SIDE	MINIMUM DEPTH			
				50' FROM TOE LINE	150' FROM TOE LINE	150' FROM TOE LINE	50' FROM TOE LINE
East River Widener	0+000 to 3+000		LEFT	31.0	#12	#13	30.0
Widener @ Intersection of Jekyll Creek & Cedar Hammock	14+000 to 15+000	"	RIGHT	37.0	#03		N/A
Widener @ Intersection of Cedar Hammock & Bruns Pt Cut	21+250 to 22+250	"	RIGHT	29.0	#04		N/A
Widener @ Intersection of Plantation & Jekyll Creek	2+250 to 6+500	"	LEFT	100' OFF 42.5	#1	#2	400' OFF 52.0
South Brunswick River Turning Basin	45+000 to 46+000	"	LEFT	32.5	#06	#05	31.5
		"	RIGHT	32.5	#07	#08	32.0
ST SIMONS RANGE Widener	* -15+000 to -16+000		RIGHT	36.0	#14		
ST SIMONS RANGE Widener	* -21+000 to -28+000		RIGHT	36.0	#15		

ENG FORM 4020-R, NOV 90

REPORT OF CHANNEL CONDITIONS 400' WIDE AND GREATER						0 Page 1 of 2 Pages DATE: 10-Oct-03			
TO: Navigation Interest						FROM: U.S. Army Engineer District, Savannah ATTN: CESASOP-N P. O. Box 889 Savannah, GA 31402			
HARBOR/STATE SAVANNAH HARBOR, GEORGIA Savannah Harbor Ship Channel from the Sea Sta. 60B to the Upper Limits of the Harbor (Sta. 112+500)						SHALLOWEST SINGLE SOUNDINGS WITHIN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD			
NAME OF CHANNEL	STATION TO STATION	DATE SURVEY	PROJECT			(A) LEFT OUTSIDE QUARTER (ft)	MID-CHANNEL		(A) RIGHT OUTSIDE QUARTER (ft)
			WIDTH (ft)	LENGTH (mi)	DEPTH (ft)		LEFT INSIDE QUARTER (ft)	RIGHT INSIDE QUARTER (ft)	
Tybee Range	60B <u>40B</u>	1-6 Oct-03	600	3.79	44	43.0	42.0	43.5	43.0
Bloody Point Range	<u>40B</u> <u>22B</u>	"	600	3.41	44	43.0	43.0	43.0	43.0
Jones Island Range	<u>22B</u> <u>14B</u>	"	600	1.33	44	44.0	42.0	43.0	44.0
Tybee Knoll Cut Rg	<u>14B</u> <u>0</u>	"	500	2.84	42	43.0	43.0	43.0	44.0
New Channel Range	<u>0</u> <u>10</u>	"	500	1.89	42	42.5	41.5	43.0	43.0
Long Island Crossing	<u>10</u> <u>26</u>	"	500	3.03	42	45.0	43.5	44.0	41.0
Lower Flats Range	<u>26</u> <u>34</u>	"	500	1.52	42	44.0	45.0	46.0	43.5
Upper Flats Range	<u>34</u> <u>41</u>	"	500	1.33	42	42.0	44.5	45.0	44.0
The Bight Channel	<u>41</u> <u>50</u>	"	500	1.7	42	45.0	45.0	45.5	47.0
Fort Jackson Range	<u>50</u> <u>54</u>	"	500	0.76	42	44.5	47.5	47.0	43.0
Oglethorpe Range	<u>54</u> <u>61</u>	"	500	1.33	42	43.0	45.5	45.0	43.0
Wrecks Channel *	<u>61</u> <u>70</u>	"	500	1.7	42	41.0	44.0	44.5	43.0
City Front Channel *	<u>70</u> <u>79</u>	"	500	1.7	42	42.0	43.0	41.0	36.5
Marsh Island Channel	<u>79</u> <u>89</u>	"	500	1.9	42	41.0	43.5	44.0	42.0
Kings Island Channel	<u>89</u> <u>102</u>	"	500	2.46	42	42.0	43.0	44.0	42.5
Whitehall Channel	<u>102</u> <u>103</u>	"	400	0.19	42	43.0	43.0	45.0	44.0
Whitehall Channel	<u>103</u> <u>105+500</u>	"	400	0.47	36	29.5	34.0	35.0	36.0
Port Wentworth Channel	<u>105+500</u> <u>110+500</u>	"	200	0.95	30	----	32.5	34.0	----
Port Wentworth Channel	<u>110+500</u> <u>112+500</u>	"	200	0.38	30	----	33.0	31.0	----

(A) depths given below represent condition 75 ft. inside toe of channel.

* Area Being Dredged

** Area To Be Dredged

*** Area Not Surveyed

**** Area not surveyed due to weather

ENG FORM 4020-R, NOV 90

NAME OF TURNING BASIN	STATION	DATE SURVEY	PROJECT			MINIMUM DEPTH			
			WIDTH (ft)	LENGTH (mi)	DEPTH (ft)	DISTANCE FROM BACKSIDE (ft)		100' FROM BACKSIDE (ft)	
Oyster Bed	3+500	1-6 Oct-03	1050	1200	40	#19 300'	43.0	37.0	#18
Fig Island	68+500	"	900	1000	34	#13 300'	38.0	30.5	#12
Marsh Island	90+500	"	900	1000	34	#11 300'	35.5	32.0	#10
Kings Island	100+500	"	1500	1600	50	#08 400'	38.0	40.0	#07
Argyle Island	103+500	"	600	600	30	#09 800'	46.0	37.5	#06
Port Wentworth	110+500	"	600	600	30	N/A		29.0	#03

BEND WIDENER RANGE NUMBERS	STATION	DATE SURVEY	CHANNEL SIDE	MINIMUM DEPTH			
				50' FROM TOE LINE		150' FROM TOE LINE	
RANGE 0A	-44+000 thru -36+000	1-6 Oct-03	RIGHT	39.0	#24	#25	44.0
RANGE 1	-26+500 thru -23+500	"	LEFT	44.5	#21		N/A
RANGE 1A	-23+500 thru -20+500	"	LEFT	43.0	#21	#23	44.0
RANGE 2	-20+500 thru -16+000	"	LEFT	43.0	#21		N/A
RANGE 2A	-16+000 thru -13+250	"	LEFT	40.0	#21	#22	44.0
RANGE 3	-13+250 thru -10+750	"	LEFT	41.0	#21		N/A
RANGE 3 & 4	-3+000 thru 0+500	"	RIGHT	44.5	#20		N/A
RANGE 6	9+250 thru 11+750	"	RIGHT	37.0	#16	#17	41.0
RANGE 15 THRU 19	41+500 thru 49+750	"	LEFT	40.0	#02		N/A
RANGE 14 THRU 20	40+500 thru 51+250	"	RIGHT	43.0	#01		N/A
RANGE 21	52+750 thru 54+750	"	RIGHT	43.0	#15		N/A
RANGE 22 & 23	58+750 thru 63+250	"	RIGHT	41.0	#14		N/A
RANGE 44	108+500 thru 110+000	"	RIGHT	30.0	#05		N/A

STATIONS FOR THESE ARE THE RANGE ITSELF

REMARKS

All depths refer to mean low water.

This information represents the results of surveys made on the dates indicated and can only be considered as indicating the general conditions existing at that time. The depths shown have been rounded off to the nearest half-foot. Any questions concerning conditions shown on this report should be referred to Operations Division:

Telephone (912) 652-5058.

ENG FORM 4020-R, NOV 90

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER) (ER 1130-2-316)						Page 1 of 3 November 2003		
TO: Executive Director, Port Authority Commonwealth of Puerto Rico, San Juan, Puerto Rico				FROM: USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida				
RIVER/HARBOR NAME AND STATE San Juan Harbor, Puerto Rico				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD				
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Left Inside Quarter (feet)	Right Inside Quarter (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)				
Bar Channel, Cut-1: from 1,900 feet (0.3 nm) seaward to 1,000 feet (0.16 nm) seaward of red Buoy-2	Aug-2003	800	0.17	56	60.8	59.7	58.8	58.2
Bar Channel, Cut-2: from 1,000 feet (0.16nm) seaward of red Buoy-2 southerly to red Buoy-4	Aug-2003	800	0.4	51	53.9	54.3	53.1	53.6
Bar Channel, Cut-3: from red Buoy-4 to red Buoy-6	Aug-2003	800-928	0.12	49	51.7	53.4	52.3	51.4
Bar Channel, Cut-4 & 5: from red Buoy-6 to red Buoy-8	Aug-2003	928-950	0.22	46	48.3	48.3	48.5	47.8
Bar Channel, Cut-6: from red Buoy-8 to green Buoy-9	Aug-2003	950-800	0.15	40	42.7	42.6	42.4	42.5
Anegado Channel: from green Buoy-9 to 700 feet southeast of red Buoy-14	Aug-2003	800	1.4	40	41.2	42.0	42.0	39.9
Anchorage Area-F: from 150 feet southeast of red Buoy-10 to red Buoy-14	Aug-2003	0-1150	0.9	30	28.5 (1)	28.1 (1)	25.8 (1)	22.8 (1)
Army Terminal Channel: from opposite red Buoy-14 to green Buoy-7	Aug-2003	350	1	40	39.9	41.6	41.8	40.3
Anegado/Army Terminal Channel Widener: from opposite red Buoy-14 to 500 feet south of red Buoy-2	Aug-2003	0-360	0.3	40	*	*	*	41.8
Sabana Approach Channel: from 1,000 feet south of red Buoy-4 to 1,800 feet south of red Buoy-6	Aug-2003	400	0.47	32	32.3	31.9	32.8	32.4
Army Terminal Turning Basin: from green Buoy-7 south to terminus	Aug-2003	350-2230	0.47	40	39.3 (2)	40.0	41.1	40.0
Puerto Nuevo Channel: from approx. 950 feet west of green Buoy-1 to green Buoy-5	Aug-2003	350	1.2	39	37.4 (3)	40.0	38.6 (4)	37.1 (4)
Widener at Army Terminal Channel/Puerto Nuevo Channel: from green Buoy-9 to 300 feet west of green Buoy-1	Aug-2003	0-400	0.2	39	32.9	*	*	*

ENG FORM 4021-R, NOV 90

EDITION OF JUL 59 IS OBSOLETE

(Proponent:CECW-O

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER) (ER 1130-2-316)						Page 2 of 3		
						November 2003		
TO: Executive Director, Port Authority Commonwealth of Puerto Rico, San Juan, Puerto Rico				FROM: USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida				
RIVER/HARBOR NAME AND STATE San Juan Harbor, Puerto Rico				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD				
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Left Inside Quarter (feet)	Right Inside Quarter (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)				

Puerto Nuevo Turning Basin: from green Buoy-5 to 800 feet north of red Buoy-4	Aug-2003	1065	0.33	39	36.3 (5)	36.8 (5)	37.1 (5)	35.9 (5)
Deep Draft Anchorage-E: from green Buoy-13 to green Buoy-1	Aug-2003	0-1525	0.6	36	25.9 (6)	28.2 (6)	30.0 (6)	31.9 (6)
Graving Dock Channel: from approx. 800 feet west of red/green Buoy-A east to red Buoy-4	Aug-2003	350-915	1.3	36	34.6 (7)	36.3	37.3	32.5 (8)
Graving Dock Turning Basin: from green Buoy-3 east to terminus	Aug-2003	0-1300	0.5	30	26.8 (9)	26.2 (9)	25.6 (9)	25.1 (9)
Widener at Army Terminal Channel/Graving Dock Channel: from red/green Buoy-A to 400 feet south of green Buoy-3	Aug-2003	0-640	0.2	40	41.8	*	*	*
Widener at Anegado Channel/San Antonio Approach (north side): from green Buoy-11, 1,700 feet east	Aug-2003	0-700	0.33	35	34.9	*	*	*
Widener at Anegado Channel/San Antonio Approach (south side)	Aug-2003	0-636	0.2	35	*	*	*	37.8
San Antonio Approach Channel: from north limit of Anegado Channel to south limit of San Antonio Channel	Aug-2003	600-960	0.6	35	35.6	36.4	37.3	34.8
Cruise Ship Basin West: from green Buoy-11 to 1,200 feet east of cruise ship dock	Aug-2003	0-1600	0.6	30	19.8 (10)	29.6	33.5	34.3
Cruise Ship Basin East: from green Buoy-13 to north bulkhead	Aug-2003	0-1140	0.6	30	22.5 (11)	23.3 (11)	26.8 (11)	30.8
San Antonio Channel: from approach and cruise ship basin east for 3,700 feet	Aug-2003	500-900	0.7	30	28.6 (12)	32.8	35.9	32.2

Remarks:

1. Shoaling in southern corner of Anchorage Area.
2. Slight shoaling on eastern edge of basin, north of green Buoy-9.
3. Shoaling along northern edge of channel, between Buoy's 3 & 5.

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER) (ER 1130-2-316)						Page 3 of 3		
						November 2003		
TO: Executive Director, Port Authority Commonwealth of Puerto Rico, San Juan, Puerto Rico				FROM: USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida				
RIVER/HARBOR NAME AND STATE San Juan Harbor, Puerto Rico				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD				
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Left Inside Quarter (feet)	Right Inside Quarter (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)				

4. Shoaling in southern side of channel near Army Terminal Turning Basin.
5. Shoaling throughout both east and west sides of turning basin.
6. Shoaling throughout anchorage area. Least depths occur in northern corner.
7. Shoaling along northern edge of channel, between Buoy's-1 & 3, extending a maximum of 50 feet inside channel.
8. Shoaling along southern edge of channel between Buoy's 3 & 4, extending a maximum of 125 feet inside channel.
9. Shoaling throughout turning basin, predominately on eastern side.
10. Shoaling in northwestern corner of basin.
11. Shoaling throughout the southeastern side of basin.
12. Minor shoaling along northern edge of channel near west end.

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER) (ER 1130-2-316)						Page 1 of 3		
						November 2003		
TO: Director, Marine Division Jacksonville Port Authority, Jacksonville, FL				FROM: USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida				
RIVER/HARBOR NAME AND STATE Jacksonville Harbor, Duval County, FL				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD				
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Left Inside Quarter (feet)	Right Inside Quarter (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)				

St. Johns Bar Cut (East Section): Cut-3, from 2.1 miles seaward of red Buoy-4 landward to red Buoy-8	Nov-2000	800	3.5	42	39.5 (1)	41.5 (1)	41.1 (1)	36.0 (1)
From red Buoy-8 to extended centerline of Mayport Navy Entrance Channel	Nov-2000	800	0.2	42	37.6 (2)	39.2 (2)	45.8	45.9
(West Section), from extended centerline of Mayport Navy Entrance Channel to Pilot Town Cut @ green Buoy-11	Jun-2003	760	1.9	40	41.6	42.9	42.6	42.2
Pilot Town Cut: Cut-4 thru 6, from green Buoy-11 to Mayport South Ferry Slip & Anchorage	May-2003	860-910	1	40	42.5	42.2	42.8	42.5
Mayport Cut: Cut-7 & 8, from Mayport South Ferry Slip to red Buoy-18	May-2003	625-1030	0.7	40	39.7	42.2	42.3	42.4
Sherman Cut: Cut-8, from red Buoy- 18 to red Buoy-20	May-2003	625	0.3	40	43.4	42.6	42.2	41.7
Mile Point Lower Range and Turn: Cut-9 thru 13, from red Buoy-20 to red Buoy-24	Aug-2003	625	0.9	40	42.2	43.0	41.7	41.3
Training Wall Reach: Cut-13 thru 16, from red Buoy-24 to green Buoy- 25	Aug-2003	475-625	1.4	40	40.6	41.2	41.1	41.5
Short Cut Turn: Cut-17 thru 19, from green Buoy-25 to green Buoy- 27	Nov-2002	575	0.6	40	42.2	42.3	42.5	42.4
White Shells Cut: Cut-39 & 40, from green Buoy-27 to red Buoy-34	Jun-2003	575-900	0.8	40	41.4	40.3	41.4	41.0
St. Johns Bluff Reach: Cut-40 & 41, from red Buoy-34 to green Buoy-35 and East Blount Island Channel Widener	Dec-2002	600-750	0.9	40	41.1	41.0	41.4	41.1
Dames Pt-Fulton Cutoff: Cut-42, from 500 feet east of red Buoy-36 to Junction with Dames Point Bridge	Jul-2003	475-837	2.9	40	41.8	42.3	42.3	41.0

ENG FORM 4021-R, NOV 90

EDITION OF JUL 59 IS OBSOLETE

(Proponent:CECW-O

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER) (ER 1130-2-316)						Page 2 of 3		
						November 2003		
TO: Director, Marine Division Jacksonville Port Authority, Jacksonville, FL				FROM: USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida				
RIVER/HARBOR NAME AND STATE Jacksonville Harbor, Duval County, FL				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD				
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Left Inside Quarter (feet)	Right Inside Quarter (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)				

Dames Pt Turn thru Quarantine Isl Upper Range: Cut-43 & 44, from Dames Point Bridge to 150 feet north of green Buoy-51	Jun-2003	525-1175	1.3	40	42.0	42.7	42.9	43.2
Brills Cut: Cut-45 & 46, from 150 feet north of green Buoy-51 to green Buoy-55	Apr-2003	425-600	1.2	40	42.5	42.1	42.2	42.2
Broward Pt Turn: Cut-47 thru 49, from green Buoy-55 to 400 feet east of green Buoy-59	Apr-2003	490-830	0.9	40	41.1	42.2	42.2	42.9
Drummond Creek Range: Cut-50, from 400 feet east of green Buoy-59 to opposite green Buoy-59	Jul-2003	375-490	0.1	40	42.7	42.8	44.0	43.9
Drummond Creek Range: Cut-50, from opposite green Buoy-59 to 1,200 feet north of green Buoy-63	Jul-2003	400-865	1.4	38	36.9 (3)	39.1	38.6	35.8 (3)
Trout River Cut: Cut-51, from 1,200 feet north of green Buoy-63 to 200 feet south of red Buoy-68	Jul-2003	400-860	1.1	38	37.7	40.0	41.2	38.7
Chaseville Turn: Cut-52 thru 54, from 200 feet south of Red Buoy-68 to approximately 700 feet south of Green Buoy-71	Jul-2003	450-800	0.7	38	35.3 (4)	39.6	38.8	36.5
Long Branch Range: Cut-55, from 700 feet south of Green Buoy-71 to Terminal Channel	Jul-2003	650-1340	0.8	38	35.4 (5)	39.0	40.5	37.5
Terminal Channel: from beginning of Terminal Channel to 600 feet south of green lighted Buoy-75	Jul-2003	575-1340	1.2	38	34.1 (6)	37.0 (6)	39.2	35.1 (6)
Terminal Channel, from 600 feet south of green lighted Buoy-75 to red lighted Buoy-78	Jul-2003	575	0.6	34	29.9 (7)	31.4 (7)	34.3	31.6 (7)
Terminal Channel: from red Buoy- 78 to the Hart Bridge at Commodore Point	Jul-2003	575-1100	1.7	34	29.7 (8)	32.9 (8)	32.5 (8)	33.2 (8)
Terminal Channel: from the Hart Bridge at Commodore Point northerly to end of project	Jul-2003	559-1184	0.3	30	33.4 (9)	29.6 (9)	23.1 (9)	20.3 (9)

REPORT OF CHANNEL CONDITIONS (FOR CHANNELS 400 FEET WIDE OR GREATER) (ER 1130-2-316)						Page 3 of 3		
						November 2003		
TO: Director, Marine Division Jacksonville Port Authority, Jacksonville, FL				FROM: USACE, District Engineer Attn: CESAJ-CO-OM Jacksonville, Florida				
RIVER/HARBOR NAME AND STATE Jacksonville Harbor, Duval County, FL				MINIMUM DEPTHS IN EACH 1/4 WIDTH OF CHANNEL ENTERING FROM SEAWARD				
NAME OF CHANNEL	Date of Survey	AUTHORIZED PROJECT			Left Outside Quarter (feet)	Left Inside Quarter (feet)	Right Inside Quarter (feet)	Right Outside Quarter (feet)
		Width (feet)	Length (miles)	Depth (feet)				

Blount Island Channel: Cut-F & G, from 200 feet south of Blount Island bridge to the junction of Cut-42 (Dames Pt-Fulton Cutoff Range)	Jul-2003	300-1000	2	38	36.2 (10)	37.3 (10)	36.1 (10)	31.6 (10)
Widener: Dames Pt-Fulton Cutoff Range (Cut-42) & Blount Island Channel (Cut-G)	Jul-2003	0-1060	0.3	38	40.3	40.3	39.0	40.7
Blount Island East Channel; Cut-A	Nov-2000	300	1	30	24.1 (11)	23.0 (11)	20.8 (11)	17.0 (11)

Remarks:

- Shoaling along north side of channel extending from 1,500 feet east to 2,400 feet west of red Buoy-4. Shoaling is also found along south side of channel from 1,300 feet east to 600 feet west of green Buoy-3. Shoaling extends into channel a maximum of 200 feet from either edge.
- Spot shoaling along south edge of channel just east of green Buoy-7 extending 200 feet into channel. Spot shoaling is also located on south edge of channel 600 feet west of green Buoy-7.
- Minor shoaling along northern edge of channel from red lighted Buoy-58 extending approximately 2,000 feet westerly. Shoaling extends into channel a maximum distance of 80 feet. Minor shoaling also exists along eastern edge of widener of Cut-50 (Drummond Creek Range) and Cut-51 (Trout River Cut).
- Spot shoaling along eastern edge of channel in Cut-53 and western edge in Cut-54 in vicinity of green Buoy-71.
- Spot shoaling located along eastern corner of channel between Cut-55 (Long Branch Range) and Terminal Channel.
- Shoaling throughout eastern half of channel in vicinity of green Buoy-75. Also spot shoaling in western side of channel, opposite USACE Depot.
- Shoaling throughout eastern half of channel in vicinity of green Daybeacon-77.
- Shoaling over most of southern half of channel, from red Buoy-78 extending approximately 2,000 feet. Spot shoaling in center of channel opposite Commodore Point.
- Shoaling over most of northern half of channel.
- Shoaling throughout channel.
- Shoaling throughout most of reach.

ENC FORM 4021-R NOV 90

EDITION OF JUL 59 IS OBSOLETE

(Proponent:CECW-O

NOTICE TO NAVIGATION INTERESTS

KISSIMMEE RIVER NAVIGATION CHANNEL

1. Mariners are hereby notified that the extreme drawdown of Lake Tohopekaliga (Toho), which was postponed in January 2003 due to near record rainfall in the Kissimmee Basin, has been re-initiated. Lake Toho will be slowly lowered to 49.0 ft NGVD by 15 February 2004 (as of 17 November 2003 the water level in Lake Toho is 54.3 ft NGVD). Lakes Kissimmee, Hatchineha and Cypress will be slowly lowered to 49.0 ft NGVD by 15 February 2004 (as of 17 November 2003 the Lakes Kissimmee stage is approximately 50.3 ft NGVD). From 16 February to 1 June 2004, Lake Toho may be lowered to 48.5 ft NGVD and Lakes Kissimmee, Hatchineha, and Cypress may be lowered to 48.0 ft NGVD to provide water to downstream lakes or the Kissimmee River.
2. Beginning 1 June 2004, Lakes Toho, Kissimmee, Hatchineha and Cypress will be managed in an attempt to return them to their existing regulation schedules by 1 September. During this period, releases from these lakes may be made to provide water to downstream lakes or the Kissimmee River. However, the releases will be limited so that the lakes are generally allowed to rise. The rate of these lakes refilling will depend on rainfall. Under normal conditions, Lake Toho should return to its normal regulation range by fall 2004.
3. Adverse impacts of the Lake Toho extreme drawdown will include a temporary decrease in navigability in Lake Toho and other lakes down through Lake Kissimmee resulting in decreased boater access to the lakes from their perimeters. These impacts will begin around mid-December 2003, with increased access beginning sometime after refilling commences in June 2004. Access in the main bodies of Lakes Toho, Kissimmee, Hatchineha and Cypress will be impacted as lower water levels will limit recreational boating. However, the proposed drawdown stages for Lakes Kissimmee, Hatchineha and Cypress are at or relatively close to the low pool (end of May) stages in the existing Lake Kissimmee regulation schedule.
4. The lock structure at S-61 normally permits passage of vessels with a draft of less than 6 ft. The lock has invert elevations of 43.0 feet NGVD. During the proposed drawdown, and for sometime after refilling commences in June 2004, there would be times when water levels at the lock are low enough that the available navigational depth through the lock is reduced to approximately a depth of 3 feet.
5. It is possible that during the Lake Toho extreme drawdown or refill periods there would be a temporary decrease in navigability on the restored section of the Kissimmee River between S-65A and S-65C.
6. Beginning 1 September 2004, Lakes Toho, Kissimmee, Hatchineha and Cypress will be regulated according to their existing regulation schedules.

ENCLOSURE
n w 1000
11/25/03